



Technical Data Sheet

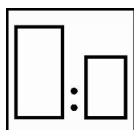
Wanda Waterbase Plus MM

D1.04.06

MAR 2015

Description Wanda Basecoat WB Plus MM is designed to produce solid, pearl and metallic colors. It has excellent drying properties and can be used for small repairs and total resprays.

Mixing ratio



100 Wanda Basecoat WB Plus MM
5-10% Wanda WB Plus Activator
10-20% for Metallic Colors

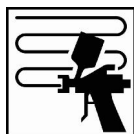
Equipment



Spray gun set-up:
1.2-1.3 mm

Application pressure:
1.7-2.2 bar at the air inlet*
Please refer to spray gun user manual.

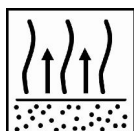
Application



2 × 1 coat

Recommended to apply: 1 Full coat, 1 Medium coat and 1 drop coat for better metallic orientation for metallic shades.

Flash-off



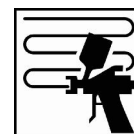
Between coats

Before clearcoat

Until matt

15 minutes at 20°C

Clearcoat Application



Overcoat with Wanda Clear 9000
See clearcoat T.D.S. D1.05.19

Protection



Use suitable respiratory protection.

AkzoNobel Car Refinishes recommends the use of a fresh air supply respirator.



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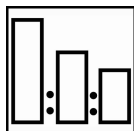
Description Wanda Basecoat WB Plus MM is designed to produce solid, pearl and metallic colors. It has excellent drying properties and can be used for small repairs and total resprays.

Product and Additives Wanda Basecoat WB Plus MM
Wanda Activator WB Plus
Wanda WB Plus Additive Long Pot Life

Basic Raw Materials Basecoat: Physical drying binder

Suitable Substrates Sound original finishes and old painted surfaces.
Wanda 2K Multi primer (WOW/Sanding).
Wanda Multi Plastic Primer.

Mixing



5% — 20% Wanda WB plus MM

Note:

Addition of Activator WB Plus (20%) is possible for adjusting the viscosity of light metallics and for correction in case of dry conditions.

Mixed colors must be stirred thoroughly after mixing

For optimum straining use WB Plus suitable paint strainers, size: 125 µm

Viscosity 20 — 30 seconds DC4 at 20°C



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Spray Gun	Gravity feed	1.2 – 1.3 mm	1.7-2.2 bar at the spray gun air inlet
Set-up and			HVLP max 0.6-0.7 bar at the air cap*
Application			
Pressure			*Please refer to spray gun user manual

Application **Metallic and Pearl Colors:**

Apply one single coat.

Allow flash off until the coat is completely dried (mat).

Apply a following lighter coat repeat till covering is achieved.

If necessary, finish with a mist coat layer by reducing the working pressure with 0.5 to 1 bar at the air inlet and increase the distance between spray-gun and object.

Solid Colors:

Apply one full single coat.

Allow flash off until the coat is completely matt.

Apply another single coat and again allow this coat to flash off until matt, repeat until covering is achieved, a mist coat is not needed with solid colors.

Spot and Fade-Out Repair:

Apply the basecoat in thin (overlapping) coats with the spray gun fully triggered at a spraying pressure of 1.5 – 2 bar until opacity is achieved.

Allow to flash off until matt between coats, than fade out twice into remaining area (only metallic colors), again using a spraying pressure of 1.5 – 2 bar.

Notes:

- While making a spot repair, it's not necessary to tag-rag between coats.
 - Apply a full coat of pure W1000 as a first coat for a better orientation of the metallic
 - With metallic 50% of pure W1000 can be added to the final (drop)coat
 - Do not apply to heavy coats while making a spot repair
 - Addition of Activator WB plus **(5-20%)** is possible for:
 - o adjusting the viscosity of light metallics
 - o avoiding overspray while painting larger objects
 - o painting in warm and/or dry conditions (low RH)
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Mixed colors must be stirred thoroughly directly after mixing, prior adding Activator

- If a pure Basecoat WB Plus metallic mixing color will be applied, always add Basecoat WB Plus tinter W1000 in a mixing ratio 1:4
- Clean spray gun with WB Plus Guncleaner directly after use

Wanda Clear 9000 can be applied after a minimum drying time of 15 minutes, but within 24 hours.

Working time can be reduced by acceleration of the air speed, by using dry-jets.

Pot-life Solid and pearl colors: 3 months at 20°C

Metallic colors which do not contain tinter 7001: 1 week at 20°C

Metallic colors which do contain tinter 7001: 1 day at 20°C

Note: Adding Additive Long Potlife increases pot life of metallics to 3 months

Film Thickness	Per coat:	10 – 20 µm
	Recommended application (2 coats):	20 – 30 µm

Theoretical Coverage Ready for use mixture at recommended layer thickness per coat 7.5 m²/L.
The practical coverage depends on many factors i.e. shape of the object, roughness of the surface, application method and application circumstances.

Cleaning of Equipment Use WB Plus Gun Cleaner

Product Storage Product shelf-life is determined when products are stored unopened at 20°C.

Avoid extreme temperature fluctuation.

Shelf life:

12 months at 20°C W1101, W1144, W1727, W7236, W1451, W1236.

18 months at 20°C W1002, W1676, W1102, W1234, W1434, W1452.

24 months at 20°C W1000, W1001, W1100, W1221, W1725, W1435, W1622, W1651, W1766, W1233, W1235, W1239, W1346, W1436, W1903, W1545, W1903, W1920, W1924, W1947, W1968, W1723.



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36 months at 20°C	W1145, W1160, W1322, W1565, W1653, W1801, W1802, W1804, W1805, W1806, W1841, W1459, W1803.
48 months at 20°C	W1459, W1900, 7, W1943, W1969, W1942, W1953, W1901, W1914, W1923, W1932, W1933, W1954, W1955, W1956, W1957, W1966, W1977, W1927.
6 months at 20°C	W1432

VOC 2004/42/IIb(D)(420) 386

The EU limit value for this product (product category: IIb.D) in ready to use form is max.

420 g/L VOC.

The VOC content of this product in ready to use form is max. 386 g/L

AkzoNobel Car Refinish bv

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IMPORTANT NOTE The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advices given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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